

# RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation  
DT1241 02/2011

## INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

<b>WisDOT research program category:</b> <input type="checkbox"/> Policy research <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#	Report period year: <b>2012</b> <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input checked="" type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: <b>Evaluation of Thin Polymer Deck Overlays and Deck Sealers</b>			
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WisDOT project ID: <b>0092-12-06</b>		Other project ID:	Project start date: <b>9/1/2011</b>
Original end date: <b>8/31/2014</b>		Current end date: <b>8/31/2014</b>	Number of extensions: <b>0</b>

## Project schedule status:

☐ On schedule ☐ On revised schedule ☐ Ahead of schedule ☒ Behind schedule

## Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$166,992.00	\$11,900.00	\$62,979.00	38%	30%

**Project description:** This project explores the waterproofing capabilities, durability, and additional benefits of utilizing thin polymer overlays on bridge decks in Wisconsin. In this research we will compare performance of thin polymer overlays with conventional deck sealers, polymer modified asphaltic concrete overlays, as well as new and emerging technologies to determine the optimal bridge deck maintenance strategy to be employed by WisDOT.

**Progress this quarter** (includes meetings, work plan status, contract status, significant progress, etc.):

We worked on analysis of selected NCHRP survey data from a number of Midwestern states. Work on Tasks 2 and 3 continued. Work on draft report continued. A presentation to the project panel is scheduled for November 16, 2012.

## Anticipated work next quarter:




After receiving panel authorization, begin work on Task 4.

## Circumstances affecting project or budget:

We are slightly behind schedule in submitting the Task 3 report and presentation to the panel. However, we have scheduled the presentation to the panel for Nov 16, 2012. We expect to make up the time lost during Task 4.

Attach / insert Gantt chart and other project documentation

Year	2011				2012												2013												2014											
Month	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0					
	9	0	1	2	1	2	3	4	5	6	7	8	9	0	1	2	1	2	3	4	5	6	7	8	9	0	1	2	1	2	3	4	5	6	7	8				
Task 1																																								
Task 2																																								
Task 3																																								
Task 4																																								
Task 5																																								

-  Original Plan
-  Revised – Panel meeting of 2/29/2012
-  Work Performed

**R** Submittal of draft report  
**F** Submittal of final report

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Staff receiving QPR:	Date received:
Staff approving QPR:	Date approved: